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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/619,216
	Filing Date	July 14, 2003
	First Named Inventor	Verard et al.
	Art Unit	3739
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	5074A-000060/CPA

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div>Remarks</div>	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 15 page Form PTO-1449 15 Foreign Patent Documents 16 Other Documents

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Richard W. Warner	Reg. No. 38,043
Signature			
Date	Aug 9, 2004		

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Richard W. Warner	Express Mail Label No.	EV 533 145 633 US (8/9/2004)
Signature		Date	Aug 9, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 533 145 633 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/619,216
Filing Date: July 14, 2003
Applicant: Verard et al.
Group Art Unit: 3739
Examiner:
Title: NAVIGATION SYSTEM FOR CARDIAC THERAPIES
Attorney Docket: 5074A-000060/CPA

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. ☐ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. ☐ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were

previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

C. ☒ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

D. ☐ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. Since the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. ☒ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B. ☒ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. ☐ See the attached foreign patent office communication from a counterpart foreign application:

2. ☐ English translations are provided:

3. ☒ Other:

Japanese Reference JP 2765738 appears to disclose a catheter that may be positioned relative to a selected site to produce a signal to create a data set.

European Reference EP 0419729 has a U.S. equivalent of U.S. Patent No. 5,042,486.

German Reference No. DE 10085137 has a U.S. equivalent of U.S. Patent No. 6,499,488.

German Reference No. DE 3831278 has a U.S. equivalent of U.S. Patent No. 4,923,459.

German Reference No. DE 4233978 has a U.S. equivalent of U.S. Patent No. 5,394,457.

C. ☐ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. ☐ The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

V. THIS IDS IS BEING FILED UNDER

A. ☒ **37 C.F.R. § 1.97(b):** (check only one box)

1. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.

2. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

3. ☒ before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

4. ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. ☐ **37 C.F.R. § 1.97(c):** (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

1. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

2. ☐ See the certification below. No fee is required.

C. ☐ **37 C.F.R. § 1.97(d):**

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. ☐ See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

VI. **CERTIFICATION UNDER 37 C.F.R. § 1.97(e):** (check only one box)

The undersigned hereby certifies that:

A. ☐ each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or

B. ☐ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).

C. ☐ some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the

undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.

VII. STATEMENT UNDER 37 C.F.R. 1.704(d)

The undersigned hereby states that:

☐ each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VI. PAYMENT OF FEES (check only one box)

A. ☐ A check in the amount of \$180.00 is enclosed for the above identified fee.

B. ☐ Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: Aug. 9, 2007

By: Richard W. Warner
Richard W. Warner
Reg. No. 38,043

Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

RWW/MLT/lkj



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 15

ATTORNEY DOCKET No.	SERIAL No.
5074A-000060/CPA	10/619,216
APPLICANT	
Verard et al.	
FILING DATE	GROUP
July 14, 2003	3739

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		2002/0128565	9/12/2002	Rudy		
2.		Re. 35,816	6/1998	Schulz		
3.		3,439,256	04/15/1969	Kähne et al.		
4.		3,674,014	07/04/1972	Tillander		
5.		3,868,565	02/25/1975	Kuipers		
6.		4,054,881	10/18/1977	Raab		
7.		4,173,228	11/06/1979	Van Steenwyk et al.		
8.		4,262,306	04/14/1981	Renner		
9.		4,287,809	09/08/1981	Egli et al.		
10.		4,314,251	02/02/1982	Raab		
11.		4,317,078	02/23/1982	Weed et al.		
12.		4,328,813	05/1982	Ray		
13.		4,339,953	07/20/1982	Iwasaki		
14.		4,396,885	08/02/1983	Constant		
15.		4,422,041	12/20/1983	Lienau		
16.		4,431,005	02/14/1984	McCormick		
17.		4,548,208	10/22/1985	Niemi		
18.		4,572,198	02/25/1986	Codrington		
19.		4,584,577	04/22/1986	Temple		
20.		4,613,866	09/23/1986	Blood		
21.		4,618,978	10/21/1986	Cosman		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 2	ATTORNEY DOCKET No.	SERIAL No.
	5074A-000060/CPA	10/619,216
	APPLICANT	
	Verard et al.	
	FILING DATE	GROUP
	July 14, 2003	3739

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.		4,642,786	02/10/1987	Hansen		
23.		4,645,343	02/1987	Stockdale et al.		
24.		4,649,504	03/10/1987	Krouglicof et al.		
25.		4,673,352	06/1987	Hansen		
26.		4,719,419	01/12/1988	Dawley		
27.		4,737,794	04/12/1988	Jones		
28.		4,793,355	12/1988	Crum et al.		
29.		4,821,731	04/18/1989	Martinelli et al.		
30.		4,836,778	06/06/1989	Baumrind et al.		
31.		4,849,692	07/18/1989	Blood		
32.		4,862,893	09/05/1989	Martinelli		
33.		4,889,526	12/26/1989	Rauscher et al.		
34.		4,923,459	05/1990	Nambu		
35.		4,931,056	06/1990	Ghajar et al.		
36.		4,945,305	07/31/1990	Blood		
37.		4,945,914	08/1990	Allen		
38.		4,951,653	08/1990	Fry et al.		
39.		4,977,655	12/18/1990	Martinelli		
40.		4,989,608	02/05/1991	Ratner		
41.		5,002,058	03/26/1991	Martinelli		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 3 of 2	ATTORNEY DOCKET No.	SERIAL No.
	5074A-000060/CPA	10/619,216
	APPLICANT	
	Verard et al.	
	FILING DATE	GROUP
	July 14, 2003	3739

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.		5,005,592	04/09/1991	Cartmell		
43.		5,016,639	05/21/1991	Allen		
44.		5,030,196	07/09/1991	Inoue		
45.		5,050,608	09/24/1991	Watanabe et al.		
46.		5,054,492	10/08/1991	Scribner et al.		
47.		5,057,095	10/15/1991	Fabian		
48.		5,086,401	02/04/1992	Glassman et al.		
49.		5,099,845	03/31/1992	Besz et al.		
50.		5,105,829	04/21/1992	Fabian et al.		
51.		5,107,862	04/28/1992	Fabian et al		
52.		5,109,194	04/28/1992	Cantaloube		
53.		5,152,288	10/06/1992	Hoenig et al.		
54.		5,160,337	11/1992	Cosman		
55.		5,161,536	11/10/1992	Vikomerson et al.		
56.		5,187,475	02/16/1993	Wagener et al.		
57.		5,188,126	02/23/1993	Fabian et al		
58.		5,190,059	03/02/1993	Fabian et al		
59.		5,197,476	03/30/1993	Nowacki et al.		
60.		5,197,965	03/1993	Cherry et al.		
61.		5,198,768	03/30/1993	Keren		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 4 of 2	ATTORNEY DOCKET NO.	SERIAL NO.
	5074A-000060/CPA	10/619,216
	APPLICANT	
	Verard et al.	
	FILING DATE	GROUP
	July 14, 2003	3739

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
62.		5,211,176	05/1993	Ishiguro et al.		
63.		5,214,615	05/25/1993	Bauer		
64.		5,222,499	06/29/1993	Allen et al.		
65.		5,228,442	07/20/1993	Imran		
66.		5,237,996	08/24/1993	Waldman et al.		
67.		5,251,635	10/12/1993	Dumoulin et al.		
68.		5,253,647	10/19/1993	Takahashi et al.		
69.		5,255,680	10/26/1993	Darrow et al.		
70.		5,257,636	11/02/1993	White		
71.		5,265,610	11/30/1993	Darrow et al.		
72.		5,265,611	11/30/1993	Hoenig et al.		
73.		5,269,759	12/14/1993	Hernandez et al.		
74.		5,271,400	12/21/1993	Dumoulin et al.		
75.		5,273,025	12/28/1993	Sakiyama et al.		
76.		5,274,551	12/28/1993	Corby, Jr.		
77.		5,279,309	01/18/1994	Taylor et al.		
78.		5,291,199	03/01/1994	Overman et al		
79.		5,297,549	03/29/1994	Beatty et al.		
80.		5,299,254	03/29/1994	Dancer et al.		
81.		5,299,288	03/29/1994	Glassman et al.		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 5 of 2	ATTORNEY DOCKET NO.	SERIAL NO.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
82.		5,305,091	04/1994	Gelbart et al.		
83.		5,315,630	05/24/1994	Sturm et al.		
84.		5,316,024	05/31/1994	Hirschi et al.		
85.		5,318,025	06/07/1994	Dumoulin et al.		
86.		5,325,728	07/05/1994	Zimmerman et al.		
87.		5,325,873	07/05/1994	Hirschi et al.		
88.		5,329,944	07/19/1994	Fabian et al		
89.		5,353,795	10/11/1994	Souza et al.		
90.		5,353,800	10/11/1994	Pohndorf et al		
91.		5,353,807	10/11/1994	DeMarco		
92.		5,375,596	12/27/1994	Twiss et al.		
93.		5,385,146	01/31/1995	Goldreyer		
94.		5,385,148	01/31/1995	Lesh et al.		
95.		5,386,828	02/07/1995	Owens et al.		
96.		5,391,199	02/21/1995	Ben-Haim		
97.		5,394,457	02/1995	Leibinger et al.		
98.		5,397,329	03/1995	Allen		
99.		5,417,210	05/23/1995	Funda et al.		
100.		5,419,325	05/30/1995	Dumoulin et al.		
101.		5,423,334	06/13/1995	Jordan		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 6 of 2	ATTORNEY DOCKET No.	SERIAL No.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
102.		5,425,367	06/20/1995	Shapiro et al.		
103.		5,425,382	06/20/1995	Golden et al.		
104.		5,429,132	07/04/1995	Guy et al.		
105.		5,433,198	07/18/1995	Desai		
106.		5,437,277	08/01/1995	Dumoulin et al.		
107.		5,443,066	08/22/1995	Dumoulin et al.		
108.		5,443,489	08/22/1995	Ben-Haim		
109.		5,445,144	08/29/1995	Wodicka et al.		
110.		5,445,150	08/29/1995	Dumoulin et al.		
111.		5,445,166	08/29/1995	Taylor		
112.		5,453,686	09/26/1995	Anderson		
113.		5,456,718	10/10/1995	Szymaitis		
114.		5,458,718	10/17/1995	Venkitachalam		
115.		5,464,446	11/1995	Dreessen et al.		
116.		5,480,422	01/02/1996	Ben-Haim		
117.		5,485,849	01/23/1996	Panescu et al.		
118.		5,487,391	01/30/1996	Panescu		
119.		5,487,729	01/30/1996	Avellanet et al.		
120.		5,487,757	01/30/1996	Truckai et al.		
121.		5,513,637	05/07/1996	Twiss et al.		

Examiner:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 7 of 2	ATTORNEY DOCKET No.	SERIAL No.
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
122.		5,542,938	08/06/1996	Avellanet et al.		
123.		5,543,951	08/06/1996	Moehrmann		
124.		5,546,940	08/20/1996	Panescu et al.		
125.		5,546,949	08/20/1996	Frazin et al.		
126.		5,546,951	08/20/1996	Ben-Haim		
127.		5,551,429	09/1996	Fitzpatrick et al.		
128.		5,558,091	09/24/1996	Acker et al.		
129.		5,573,533	11/12/1996	Strul		
130.		5,575,794	11/1996	Walus et al.		
131.		5,595,193	01/1997	Walus et al.		
132.		5,600,330	02/04/1997	Blood		
133.		5,622,169	04/22/1997	Golden et al.		
134.		5,628,315	05/13/1997	Vilsmeier et al.		
135.		5,636,644	06/10/1997	Hart et al		
136.		5,640,170	06/17/1997	Anderson		
137.		5,643,268	07/01/1997	Vilsmeier et al.		
138.		5,645,065	07/08/1997	Shapiro et al.		
139.		5,674,296	10/07/1997	Bryan et al.		
140.		5,681,260	10/28/1997	Ueda et al		
141.		5,694,945	12/09/1997	Ben-Haim		

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
142.		5,697,377	12/1997	Wittkamp		
143.		5,702,406	12/30/1997	Vilsmeier et al.		
144.		5,713,946	02/03/1998	Ben-Haim		
145.		5,715,822	02/10/1998	Watkins		
146.		5,718,241	02/17/1998	Ben-Haim et al.		
147.		5,727,552	03/17/1998	Ryan		
148.		5,727,553	03/1998	Saad		
149.		5,729,129	03/17/1998	Acker		
150.		5,730,129	03/24/1998	Darrow et al.		
151.		5,730,130	03/1998	Fitzpatrick et al.		
152.		5,732,703	03/31/1998	Kalfas et al.		
153.		5,735,278	04/07/1998	Hoult et al.		
154.		5,738,096	04/14/1998	Ben-Haim		
155.		5,741,214	04/21/1998	Ouchi et al.		
156.		5,742,394	04/1998	Hansen		
157.		5,744,953	04/28/1998	Hansen		
158.		5,749,835	05/12/1998	Glantz		
159.		5,752,513	05/19/1998	Acker et al.		
160.		5,758,667	06/02/1998	Slettenmark		
161.		5,762,064	06/09/1998	Polyani		

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U.S. PATENT DOCUMENTS						
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162.		5,767,699	06/16/1998	Hansen et al.		
163.		5,775,322	07/07/1998	Silverstein et al		
164.		5,776,064	07/07/1998	Kalfas et al.		
165.		5,782,765	07/21/1998	Jonkman		
166.		5,787,886	08/04/1998	Kelly et al.		
167.		5,792,055	08/11/1998	McKinnon		
168.		5,797,849	08/1998	Vesely et al.		
169.		5,799,099	08/1998	Wang et al.		
170.		5,800,352	09/01/1998	Ferre et al.		
171.		5,803,089	09/08/1998	Ferre et al.		
172.		5,807,252	9/15/1998	Hassfeld et al.		
173.		5,810,728	09/22/1998	Kuhn		
174.		5,810,735	09/22/1998	Halperin et al		
175.		5,829,444	11/03/1998	Ferre et al.		
176.		5,831,260	11/03/1998	Hansen		
177.		5,840,024	11/24/1998	Taniguchi et al.		
178.		5,840,025	11/24/1998	Ben-Haim		
179.		5,843,076	12/1/1998	Webster, Jr. et al.		
180.		5,865,846	02/02/1999	Bryan et al.		
181.		5,868,674	02/09/1999	Glowinski et al.		

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
182.		5,871,455	09/1999	Ueno		
183.		5,873,822	02/23/1999	Ferre et al.		
184.		5,884,410	03/1999	Prinz		
185.		5,907,395	05/1999	Schultz et al.		
186.		5,928,248	7/27/1999	Acker		
187.		5,935,160	8/10/1999	Auricchio et al.		
188.		5,938,603	8/17/1999	Ponzi		
189.		5,938,694	08/17/1999	Jaraczewski et al.		
190.		5,947,981	09/1999	Cosman		
191.		5,950,629	09/14/1999	Taylor et al.		
192.		5,954,647	09/21/1999	Bova et al.		
193.		5,954,796	10/12/1999	Imran		
194.		5,967,980	10/19/1999	Ferre et al.		
195.		5,968,047	10/10/1999	Reed		
196.		5,971,997	10/1999	Guthrie et al.		
197.		5,976,156	11/02/1999	Taylor et al.		
198.		5,980,535	11/1999	Barnett et al.		
199.		5,987,349	11/16/1999	Schulz		
200.		5,987,960	11/1999	Messner et al.		
201.		5,999,837	12/1999	Messner et al.		

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U.S. PATENT DOCUMENTS						
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202.		5,999,840	12/1999	Grimson et al.		
203.		6,001,130	12/14/1999	Bryan et al.		
204.		6,006,126	12/1999	Cosman		
205.		6,019,725	02/01/2000	Vesely et al.		
206.		6,024,695	02/15/2000	Greenberg et al.		
207.		6,059,718	05/2000	Taniguchi et al.		
208.		6,063,022	5/16/2000	Ben-Haim		
209.		6,073,043	06/2000	Schneider		
210.		6,118,845	09/12/2000	Simon et al.		
211.		6,122,538	09/19/2000	Sliwa, Jr. et al.		
212.		6,131,396	10/17/2000	Duerr et al.		
213.		6,156,067	12/05/2000	Bryan et al.		
214.		6,161,032	12/12/2000	Acker		
215.		6,172,499	01/09/2001	Ashe		
216.		6,175,756	1/16/2001	Ferre et al.		
217.		6,192,280	2/20/2001	Sommer et al.		
218.		6,223,067	04/24/2001	Vilsmeier		
219.		6,233,476	3/2001	Strommer et al.		
220.		6,246,231	06/12/2001	Ashe		
221.		6,273,896	08/14/2001	Franck et al.		

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U.S. PATENT DOCUMENTS						
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222.		6,298,262	10/02/2001	Franck et al.		
223.		6,332,089	12/2001	Acker et al.		
224.		6,341,231	1/22/2002	Ferre et al.		
225.		6,351,659	02/26/2002	Vilsmeier		
226.		6,381,485	4//30/2002	Hunter et al.		
227.		6,424,856	07/23/2002	Vilsmeier et al.		
228.		6,428,547	08/06/2002	Vilsmeier et al.		
229.		6,434,415	08/13/2002	Foley et al.		
230.		6,437,567	08/20/2002	Schenck et al.		
231.		6,445,943	9/3/2002	Ferre et al.		
232.		6,470,207	10/22/2002	Simon et al.		
233.		6,474,341	11/05/2002	Hunter et al.		
234.		6,493,573	12/10/2002	Martinelli et al.		
235.		6,498,944	12/24/2002	Ben-Haim et al		
236.		6,499,488	12/31/2002	Hunter et al.		
237.		6,527,443	03/04/2003	Vilsmeier et al.		
238.		6,551,325	04/22/2003	Neubauer et al.		
239.		6,584,174	06/24/2003	Schubert et al.		
240.		6,609,022	08/19/2003	Vilsmeier et al.		
241.		6,611,700	08/26/2003	Vilsmeier et al.		

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
242.		6,640,128	10/28/2003	Vilsmeier et al.		
243.		6,694,162	02/17/2004	Hartlep		
244.		6,701,179	03/02/2004	Martinelli et al.		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.		WO 01/30437 A1	05/03/2001	WIPO			
2.		WO 99/60939	12/1999	WIPO			
3.		WO 98/08554	03/1998	WIPO			
4.		WO 89/05123	06/1989	PCT			
5.		WO 94/04938	03/03/1994	PCT			
6.		WO 92/03090	03/05/1992	PCT			
7.		EP 0 319 844 A1	01/1988	EPO			
8.		EP 0 651 968 A1	08/1990	EPO			
9.		EP 0419729 A1	09/29/1989	EPO		U.S. Equiv	
10.		EP 0655138 B1	08/16/1993	EPO			
11.		EP 0894473 A2	01/24/1995	EPO			
12.		JP 2765738		Japan			X
13.		DE 3831278 A1	03/1989	Germany		U.S. Equiv	

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FOREIGN PATENT DOCUMENTS								
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No		
14.		DE 4233978 C1	04/1994	Germany		U.S. Equiv		
15.		DE 10085137		Germany				X

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		"Prestige Cervical Disc System Surgical Technique", 12 pgs.
2.		Benzel et al., "Magnetic Source Imaging: a Review of the Magnes System of Biomagnetic Technologies Incorporated," Neurosurgery, Vol. 33, No. 2 (Aug. 1993), pp. 252-259.
3.		Bryan, "Bryan Cervical Disc System Single Level Surgical Technique", Spinal Dynamics, 2002, pp. 1-33.
4.		Bucholz et al., "Variables affecting the accuracy of stereotactic localization using computerized tomography," Journal of Neurosurgery, Vol. 79, November 1993, pp. 667-673.
5.		Champleboux et al., "Accurate Calibration of Cameras and Range Imaging Sensors: the NPBS Method," IEEE International Conference on Robotics and Automation, Nice, France, May, 1992.
6.		Heilbrun et al., "Preliminary experience with Brown-Roberts-Wells (BRW) computerized tomography stereotaxic guidance system," Journal of Neurosurgery, Vol. 59, August 1983, pp. 217-222.
7.		Horner et al., "A Comparison of CT-Stereotaxic Brain Biopsy Techniques," Investigative Radiology, Sep.-Oct. 1984, pp. 367-373.
8.		Kelly et al., "Computer-assisted stereotaxic laser resection of intra-axial brain neoplasms," Journal of Neurosurgery, Vol. 64, March 1986, pp. 427-439.
9.		Laitinen et al., "An Adapter for Computed Tomography-Guided, Stereotaxis," Surg. Neurol., 1985, pp. 559-566.
10.		Laitinen, "Noninvasive multipurpose stereoadapter," Neurological Research, June 1987, pp. 137-141.

Examiner:	Date Considered:
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
11.		Schueler et al., "Correction of Image Intensifier Distortion for Three-Dimensional X-Ray Angiography," SPIE Medical Imaging 1995, Vol. 2432, pp. 272-279.
12.		Smith et al., "The Neurostation™--A Highly Accurate, Minimally Invasive Solution to Frameless Stereotactic Neurosurgery," Computerized Medical Imaging and Graphics, Vol. 18, July - August 1994, pp. 247-256.
13.		The Laitinen Stereotactic System, E2-E6.
14.		Germano, "Instrumentation, Technique and Technology", Neurosurgery, Vol. 37, No. 2, August, 1995, pgs. 348-350
15.		Merloz, et al., "Computer Assisted Spine Surgery", Clinical Assisted Spine Surgery, No. 337, pgs. 86-96
16.		Hatch, et al., "Reference-Display System for the Integration of CT Scanning and the Operating Microscope", Proceedings of the Eleventh Annual Northeast Bioengineering Conference, March 14-15, 1985, pgs. 252-254

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